



Attorney Docket No. 51152-2 DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Cobley et al.

U.S.S.N.: 10/720,647

Art Unit: Not Yet Assigned

FILED: November 24, 2003

Examiner: Not Yet Assigned

FOR: PLATING BATH AND METHOD FOR DEPOSITING A METAL LAYER
ON A SUBSTRATE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on -

10/25/2004

By:

Deanna M. Rivernider
Deanna M. Rivernider

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Examiner are listed on the PTO-1449 form, attached hereto. The documents were not previously cited.

It is respectfully requested that the Examiner carefully consider and make of record each of the documents cited herein. Each of the documents cited were made of record in parent application Serial No. 09/970,348, filed October 2, 2001, now U.S. Granted Patent No. 6,736,954 from which patent the present application claims priority.

II. COPIES

Pursuant to 37 C.F.R. 1.98(d), Applicant is not required to furnish copies of the documents that were cited in the parent applications, although Applicant will promptly provide copies of any of the cited documents upon the Examiner's request.

III. CONCISE EXPLANATION OF THE RELEVANCE

All of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):

(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. . § 1.17(p).
or
- b. ☐ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

☐ Enclosed please find a check in the amount of \$_____ for the above indicated fee.

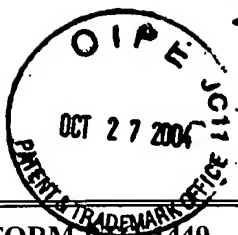
☐ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.

☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | | | | ATTY DOCKET NO. 51152-2 DIV | | SERIAL NO. 10/720,647 | |
| | | | | APPLICANT(S): Cobley et al. | | | |
| | | | | FILING DATE: 11/24/2003 | | ART UNIT: Not Yet Assigned | |
| UNITED STATES PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FIL. DATE IF APPR |
| | AA | 3,328,273 | 06/1967 | Creutz et al. | | | |
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| | AD | 4,419,192 | 12/1983 | Dahms | | | |
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| | AG | 2003/0010642 | 01/2003 | Taylor et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRAN YES/NO |
| | BA | 30 11 697 A1 | 10/1981 | Germany | | | |
| | BB | 0 255 558 | 02/1988 | Europe | | | |
| | BC | 53-77843 A | 07/1978 | Japan | | | |
| | BD | 1652383 A1 | 05/1991 | Russia | | | |
| OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) | | | | | | | |
| | CA | Patent Abstracts of Japan, Vol. 006, No. 073 (C-101), May 8, 1982 & JP 57 009893 a (Seiko Epson Corp), Jan. 19, 1982. | | | | | |
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| Examiner: | | | | Date: | | | |